



PTO/SB/08a (01-08)

Approved for use through 06/30/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/592,913
Filing Date	November 13, 2006
First Named Inventor	Jan Wendelin Stark
Art Unit	1796
Examiner Name	Bijan Ahvazi
Attorney Docket Number	796/76794

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 4,855,118	08-08-1989	Noboru et al.	
	2	US- 5,276,251	01-04-1994	Yoshinobu et al.	
	3	US- 4,711,769	12-08-1987	Senya et al.	
	4	US- 3,900,331	08-19-1975	Cassidy John Edward	
	5	US- 7,229,600	06-12-2007	Yadav	
	6	US- 5,984,997	11-16-1999	Bickmore et al.	
	7	US- 5,958,361	09-28-1999	Laine et al.	
	8	US- 2003-0101659	06-05-2003	Stipan Katusic et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	9	EP 1 378 489	01-07-2004	Eidgenoess T. Hochschule		
	10	WO 2005/087660	09-22-2005	Eidgenoess T. Hochschule		
	11	WO 2004/103900	12-02-2004	Eidgenoess T. Hochschule		
	12	JP-2003-139869	05-14-2003	Citizen Watch Co Ltd	Abstract, Claim 5	✓
	13	JP-2001-039716	02-13-2001	Tosoh Corp	Abstract, Para. 0001	✓
	14	JP-2001-287152	10-16-2001	Achilles Corp	Abstract, Para. 0014	✓

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Applicants: Jan Wendelin Stark, et al.
Serial No.: 10/592,913
Filed: November 13, 2006
Exhibit A

Substitute for form 1449/PTO

(Use as many sheets as necessary)

Application Number	10/592,913
Filing Date	November 13, 2006
First Named Inventor	Jan Wendelin Stark
Art Unit	1796
Examiner Name	Bijan Ahvazi
Attorney Docket Number	796/76794

Sheet	2	of	4
-------	---	----	---

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁸
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
	15	JP-2001-146584	06-21-1997	Fujimi Abrasive	Abstract, Claim 1	✓

Date
Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/592,913		
		Filing Date	November 13, 2006		
		First Named Inventor	Jan Wendelin Stark		
		Art Unit	1796		
		Examiner Name	Bijan Ahvazi		
Sheet	3	of	4	Attorney Docket Number	796/76794

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	16	Laine, R. M., et al. (2000) "Low Cost Nanopowders for Phosphor and Laser Applications by Flame Spray Pyrolysis", J. Metastable 5 Nanocryst. Mat., 2000, 8, 500	
	17	Laine, R. M., et al. (1999) "Making nanosized oxide powders from precursors by flame spray pyrolysis", Key. Eng. Mat., 1999, 159, 17	
	18	Yoshioka, T., et al. (1992) "Preparation of spherical ceria-doped tetragonal zirconia by the spray pyrolysis method", J. Mater. Sci. Lett., 1992, 11, 51	
	19	Oljaca, M., et al. (2002) "Flame Synthesis of nanopowders 20 via combustion chemical vapor deposition", J. Mater. Sci. Lett., 21, 621-626	
	20	Maric, R., et al. (2003) "Electrolyte Materials for Intermediate Temperature Fuel Cells Produced via Combustion...", Electrochemical and Solid State Letters, 6 (5) A 91	
	21	T. Tani, et al. (2002) "Synthesis of zinc oxide/silica composite nanoparticles by flame spray pyrolysis", Journal of Materials Science, Vol 32:4627-4632	
	22	Takao Tani, et al. (2002) "Homogeneous ZnO nanoparticles by flame spray pyrolysis", Journal of Nanoparticale Research, Vol. 4:337-343	
	23	International Preliminary Report on Patentability for International Application No. PCT/CH04/000151, issued September 19, 2006	
	24	January 5, 2006 Office Action issued from the U.S. Patent and Trademark Office in connection with U.S. Serial No. 10/602,305	
	25	February 22, 2006 Office Action issued from the U.S. Patent and Trademark Office in connection with U.S. Serial No. 10/602,305	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/592,913		
		Filing Date	November 13, 2006		
		First Named Inventor	Jan Wendelin Stark		
		Art Unit	1796		
		Examiner Name	Bijan Ahvazi		
Sheet	4	of	4	Attorney Docket Number	796/76794

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	26	September 15, 2006 Notice of Allowability issued from the U.S. Patent and Trademark Office in connection with U.S. Serial No. 10/602,305	
	27	January 31, 2007 Notice of Allowability issued from the U.S. Patent and Trademark Office in connection with U.S. Serial No. 10/602,305	
	28	July 24, 2008 Office Action issued from the U.S. Patent and Trademark Office in connection with U.S. Serial No. 10/557,399	
	29	February 25, 2009 Office Action issued from the U.S. Patent and Trademark Office in connection with U.S. Serial No. 10/557,399	
	30	August 5, 2009 Office Action issued from the U.S. Patent and Trademark Office in connection with U.S. Serial No. 10/557,399	
	31	January 19, 2010 Office Action issued from the U.S. Patent and Trademark Office in connection with U.S. Serial No. 10/557,399	
	32	German language translation of May 13, 2009 Official Action issued in a counterpart Japanese application in connection with U.S. Serial No. 10/557,399	✓
	33	German language translation of December 11, 2009 Official Action issued in a counterpart Japanese application in connection with U.S. Serial No. 10/557,399	✓

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.